

Weekly COVID-19 Case Investigation Quality Improvement Report, October 30, 2020

Data exported, October 29, 2020 (4:30 PM)

Arkansas Department of Health (ADH)

CONTENTS:

Data Summary

Table: Positive COVID-19 cases linked to known positives and those unlinked

Chart: Weekly trends of COVID-19 cases not linked to known positives

Data Summary: As of October 29, 2020, a total of 110,917 laboratory confirmed COVID-19 cases were reported to the ADH. During this reporting period, 64.7% cases were linked to known positives or clusters. Since the October 23 weekly reporting period, an additional 6,841 cases have been reported to the ADH. The percentage of unlinked cases remained approximately the same, 35.3%. Please refer to the Chart below for the weekly trends of unlinked cases.

Due to the high volume of new cases, we assigned a 5-day lag time before considering a positive case to be unlinked. The total number of cases for the October 30 weekly reporting period was 110,917, of which 2,435 (2.2%) cases were still under investigation, slightly lower than the 2.5% reported on October 23. These cases are currently being worked through the system to improve the timeliness of contact investigation.

Table: COVID-19 cases linked to known positives or clusters (A-E), and those not linked.

Linked categories	As of October 29
A. Nursing home/Jail	13,938
B. Contact with known positives	40,547
C. Travelled to advisory location	71
D. Contact with case under investigation for COVID-19	1,507
E. Members of known or suspected cluster	14,154
Records without link (not including those under investigation)	38,265
Total number of cases (not including those under investigation)	108,482
Grand total	110,917

Starting September 18, probable COVID-19 cases reported to the ADH based on verbal reporting and antigen test results were included in the analysis.

Data source: REDCap System, Arkansas Department of Health; Data exported: October 29, 2020; Data reported: October 30, 2020

Exclusivity: Number of cases are counted only once in the table above.

Suspected cluster: Two or more cases linked to the same employer location or community.

Methodology: A 5-day lag was applied to the most recently reported cases and placed in the "still under investigation" category; these cases were not included in the calculation of unlinked percentage (rows with gray highlights).

Chart: Weekly trends of unlinked COVID-19 cases, as of October 29, 2020

